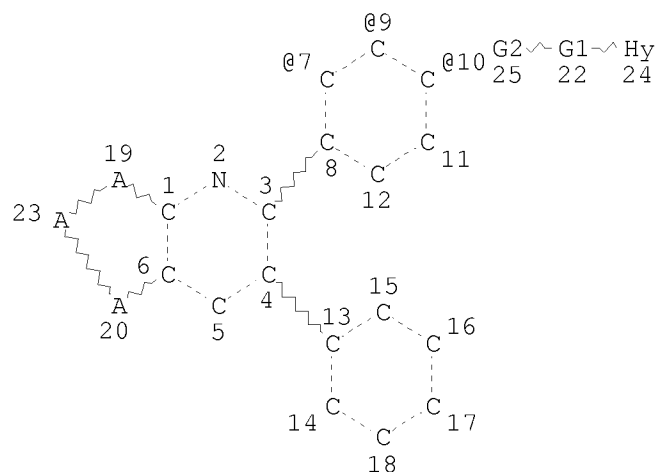


L7

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VAR G2=7/9/10
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DEFAULT MLEVEL IS ATOM
DEFAULT ECLEVEL IS LIMITED

GRAPH ATTRIBUTES:
RSPEC 8 13
NUMBER OF NODES IS 24

STEREO ATTRIBUTES: NONE

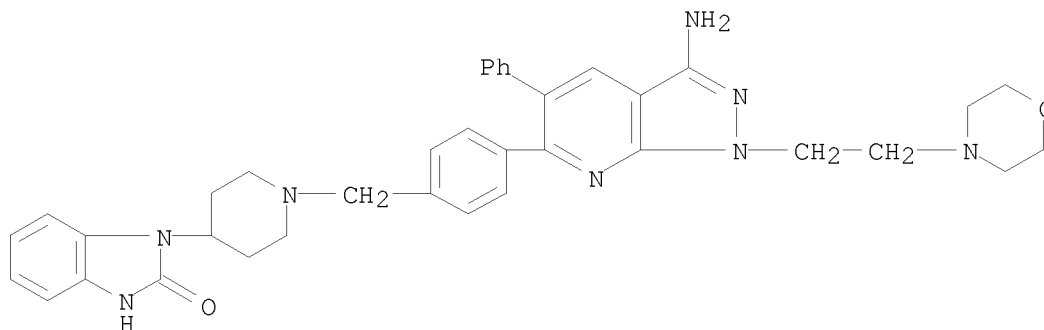
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FULL SCREEN SEARCH COMPLETED - 40161 TO ITERATE

100.0% PROCESSED 40161 ITERATIONS 25 ANSWERS
SEARCH TIME: 00.00.02

L9 25 SEA SSS FUL L7

=> d scan

L9 25 ANSWERS REGISTRY COPYRIGHT 2008 ACS on STN
IN 2H-Benzimidazol-2-one, 1-[1-[[4-[3-amino-1-[2-(4-morpholinyl)ethyl]-5-phenyl-1H-pyrazolo[3,4-b]pyridin-6-yl]phenyl]methyl]-4-piperidinyl]-1,3-dihydro-
MF C37 H40 N8 O2
CI COM



PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

HOW MANY MORE ANSWERS DO YOU WISH TO SCAN? (1):0

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COST IN U.S. DOLLARS

SINCE FILE

TOTAL

ENTRY

SESSION

FULL ESTIMATED COST

185.26

185.47

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FILE COVERS 1907 - 7 Jul 2008 VOL 149 ISS 2

FILE LAST UPDATED: 6 Jul 2008 (20080706/ED)

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=> s 19

L10 2 L9

=> d bib abs 1-2

L10 ANSWER 1 OF 2 CAPLUS COPYRIGHT 2008 ACS on STN

AN 2008:338631 CAPLUS

DN 148:528852

TI Rapid assembly of diverse and potent allosteric Akt inhibitors

AU Wu, Zhicai; Robinson, Ronald G.; Fu, Sheng; Barnett, Stanley F.;
 Defeo-Jones, Deborah; Jones, Raymond E.; Kral, Astrid M.; Huber, Hans E.;
 Kohl, Nancy E.; Hartman, George D.; Bilodeau, Mark T.
 CS Department of Medicinal Chemistry, Merck Research Laboratories, Merck &
 Co., West Point, PA, 19486, USA
 SO Bioorganic & Medicinal Chemistry Letters (2008), 18(6), 2211-2214
 CODEN: BMCLE8; ISSN: 0960-894X
 PB Elsevier Ltd.
 DT Journal
 LA English
 AB This paper describes the rapid assembly of four different classes of
 potent Akt inhibitors from a common intermediate. Among them, a
 pyridopyrimidine series displayed the best intrinsic and cell potency
 against Akt1 and Akt2. This series also showed a promising
 pharmacokinetic profile and excellent selectivity over other closely
 related kinases.

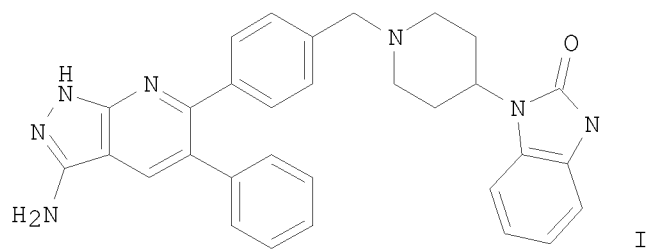
RE.CNT 27 THERE ARE 27 CITED REFERENCES AVAILABLE FOR THIS RECORD
 ALL CITATIONS AVAILABLE IN THE RE FORMAT

L10 ANSWER 2 OF 2 CAPLUS COPYRIGHT 2008 ACS on STN
 AN 2004:964996 CAPLUS
 DN 141:406037
 TI Heterocyclic compound inhibitors of Akt kinase activity, and use for the
 treatment of cancer
 IN Bilodeau, Mark T.; Wu, Zhicai
 PA Merck & Co., Inc., USA
 SO PCT Int. Appl., 62 pp.
 CODEN: PIXXD2

DT Patent
 LA English

FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
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	WO 2004096130	A3	20050407		
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	CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, EG, ES, FI, GB, GD,				
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	NO, NZ, OM, PG, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, SY,				
	TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM, ZW				
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	TD, TG				
	AU 2004233827	A1	20041111	AU 2004-233827	20040420
	CA 2522430	A1	20041111	CA 2004-2522430	20040420
	EP 1620095	A2	20060201	EP 2004-760293	20040420
	R:				
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	IE, SI, LT, LV, FI, RO, CY, TR, BG, CZ, EE, HU, PL, SK				
	CN 1809351	A	20060726	CN 2004-80017101	20040420
	JP 2006524254	T	20061026	JP 2006-513159	20040420
	US 20060205765	A1	20060914	US 2005-554185	20051021
PRAI	US 2003-465123P	P	20030424		
	WO 2004-US12187	W	20040420		
OS	MARPAT 141:406037				
GI					



AB The invention discloses compds. which contain a five-membered heterocyclic ring fused to a substituted pyridine moiety which inhibit the activity of Akt, a serine/threonine protein kinase. The invention further discloses chemotherapeutic compns. containing the compds. of the invention and methods for treating cancer comprising administration of the compds. of the invention. Preparation of compds., e.g. I, is described.